

## **REMARKS**

The applicants respectfully requests reconsideration of the above referenced patent application in view of the amendments and remarks set forth herein, and respectfully request that the Examiner withdraw all rejections. Claims 1-5, 15-19, 29, 43 and 57 have been amended. Claim 60 has been canceled. No claims have been added. Thus, claims 1-59 are pending.

### **35 U.S.C. §102 Rejections**

#### **35 U.S.C. §102(e) Rejection over *Ollis***

The Office Action rejects claims 1, 15, 29 and 57-60 under 35 U.S.C. §102(e) as being anticipated by Ollis et al., U.S. Patent Number 6,999,721 B2 (*Ollis*). The Office Action alleges that *Ollis* discloses, *inter alia*, a method for sharing a Bluetooth communications module between a primary processor system and a secondary processor system. More particularly, *Ollis* is offered as disclosing wireless computing devices 202 and 204 both receiving wireless communications transmitted from a single Bluetooth wireless transfer mechanism 212 of wireless computing device 100. To properly anticipate a claim under 35 U.S.C. §102(e), a reference must set forth, either expressly or inherently, each and every limitation of the rejected claim. See M.P.E.P. §2131. For at least the following reasons the applicants traverse the above rejection.

Applicants have canceled claim 60 herein, rendering moot the rejection of claim 60. Regarding rejected claims 1, 15, 29 and 57-59, Applicants amend independent claim

I herein to recite “**sharing control** of a Bluetooth communications module between a primary processor system and a secondary processor system” (emphasis added). Similar amendments have been made to claims 2-5, 15-19, 29, 43 and 57. These claim amendments are supported in the original disclosure at least by paragraphs [0027], [0037] and [0046] of the specification.

Applicants respectfully submit that each of the rejected claims is not anticipated by the reference based at least on the failure of the reference to disclose at least one limitation found in each of currently amended independent claims 1, 15, 29 and 57. More particularly, *Ollis* fails to disclose **sharing control** of a Bluetooth communications module between a primary processor system and a secondary processor system, as set forth in each of the amended independent claims. With specific regard to the passages in *Ollis* cited by the Office Action, Applicants find nothing to indicate that one or more of wireless computing devices 202 and 204 either has or shares **control** over the Bluetooth wireless transfer mechanism 212 of wireless computing device 100. Regarding the remaining subject matter set forth in *Ollis*, Applicants find no disclosure of a primary processor system and a secondary processor system **sharing control** of a Bluetooth communications module.

For at least the foregoing reasons, Applicants respectfully submit that each of amended independent claims 1, 15, 29 and 57 contain at least one limitation not set forth in *Ollis*. Furthermore, in depending directly or indirectly from independent claim 57, each of dependent claims 58 and 59 incorporate at least one limitation not found in *Ollis*.

Therefore, the pending rejected claims 1, 15, 29 and 57-59 are not anticipated by *Ollis*, and Applicants request that this 35 U.S.C. §102(e) rejection based on *Ollis* be withdrawn.

### 35 U.S.C. §103(a) Rejections

#### 35 U.S.C. §103(a) Rejection over *Ollis* and *Ruutu*

The Office Action rejects claims 2-14, 16-28 and 30-56 under 35 U.S.C. §103(a) as being unpatentable over *Ollis* in view of *Ruutu*, USPN 6,940,813 (*Ruutu*). Specifically, the Office Action relies on the previously-discussed 35 U.S.C. §102(e) rejection of claims 1, 15, 29 and 57-60 based on *Ollis*, further alleging that *Ruutu* discloses, *inter alia*, buffering messages between at least two applications over a network implementing a Quality of Service framework. One of the elements for establishing a *prima facie* case of obviousness under 35 U.S.C. §103(a) is some combination of prior art references which teaches or suggests all the claim limitations. See M.P.E.P. §2143. For at least the following reasons the applicants traverse these rejections.

By virtue of their respective claim dependencies, each of rejected claims 2-14, 16-28 and 30-42 incorporates all of the limitation found in one of currently amended independent claims 1, 15 and 29. As set forth in Applicants' above response to the 35 U.S.C. §102(e) rejection of claims 1, 15 and 29, *Ollis* fails to disclose **sharing control** of a Bluetooth communications module between a primary processor system and a secondary processor system. In rejecting claims 2-14, 16-28 and 30-56 under 35 U.S.C. §103(a), the Office Action does not offer a further basis for *Ollis* teaching or suggesting this limitation, and Applicants submit that *Ollis* fails to teach or suggest sharing control

of a Bluetooth communications module between a primary processor system and a secondary processor system. In rejecting claims 43-56, the Office Action (see page 11, lines 16-20) alleges that either one of wireless computing devices 202 and 204 in *Ollis* anticipates one of the primary and secondary processor systems of claim 43. The Office Action further alleges (see page 12, lines 17-21) that it would have been obvious to apply the technique of *Ruutu* to the communication system of *Ollis* in order to provide Bluetooth devices that can register with each other in order to share information and set up a connection in which the master controls the connection.

Currently amended claim 43 states in a salient portion (emphasis added):

“...a secondary processor system connected to the Bluetooth sharing module, wherein the Bluetooth sharing module is configured to allow the primary processor system and secondary processor system to **share control of the Bluetooth communications module** via a host controller of the Bluetooth communications module.”

Without agreeing to any arguments raised by the Office Action in support of the 35 U.S.C. §103(a) rejection, Applicants simply note that the Office Action does not argue that any combination of *Ollis* and *Ruutu* teaches or suggests either one of wireless computing devices 202 and 204 sharing **control** of the Bluetooth wireless transfer mechanism 212 of wireless computing device 100. On the contrary, the Office Action **merely** contends that either of wireless computing devices 202 and 204 is registered to share information with the Bluetooth wireless transfer mechanism 212 of wireless computing device 100. Without any further disclosure, the references **fail** to teach or

suggest sharing **control** of a Bluetooth communications module with either of wireless computing devices 202 and 204.

In rejecting claim 43-47 and 56, the Office Action (see page 12, lines 13-17) further states that *Ruutu* (col. 14, lines 35-52) discloses a processing unit including a master processor and associated slave processors coupled to communicate with the master processor. Applicants fail to see how this statement relates to the other grounds for rejection offered by the Office Action. First, the Office Action previously relies on the position that the primary and secondary processing systems of the rejected claims were anticipated in *Ollis*— i.e. by device 100 and either of wireless computing devices 202 and 204. Based on this position, it seems incidental to then suggest that one of the devices in *Ollis* may, in light of *Ruutu*, include a plurality of processors. Second, any disclosure in *Ruutu* of a plurality of coupled **processors** is irrelevant to the limitations of the rejected claims, which variously set forth sharing control of a Bluetooth communications module between a primary processor **system** and secondary processor **system**.

For the purpose of providing a full response, Applicants note that paragraphs [0035] and [0036] of the specification disclose each of the processor systems of the rejected claims (“CPU subsystems”) as potentially including plural microprocessors. Any plurality of interconnected processors in *Ruutu* **fails** to arise to a disclosure of more than a single processing system of the rejected claims. The fact that *Ruutu* teaches or suggests, at most, a single processing system is evidenced by its description of the multiple interconnected processors as a “processing unit.” Therefore, Applicants

respectfully submit that no combination of the subject matter contained in *Ollis* and *Ruutu* teaches or suggests sharing control of a Bluetooth communications module between a primary processor system and a secondary processor system.

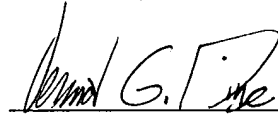
For at least the foregoing reasons, each of currently amended independent claims 1, 15, 29 and 43 is non-obvious over the cited references. In depending directly or indirectly from independent claims which are non-obvious under 35 U.S.C. §103(a), each of rejected claims 2-14, 16-28 and 30-42 and 44-56 is also non-obvious. See M.P.E.P. §2143.03, citing *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). Accordingly, claims 2-14, 16-28 and 30-56 are patentable, and Applicants request that the 35 U.S.C. §103(a) rejection of these claims based on *Ollis* and *Ruutu* be withdrawn.

CONCLUSION

For at least the foregoing reasons, Applicants submit that the objections and rejections have been overcome. Therefore, claims 1-59 are in condition for allowance and such action is earnestly solicited. The Examiner is respectfully requested to contact the undersigned by telephone if such contact would further the examination of the present application. Please charge any shortages and credit any overcharges to our Deposit Account No. 02-2666.

Respectfully submitted,  
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